

# Manhole Inspection Summary

Manhole # S29YY\_035MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **29YY** Node: **035** Status: **Found**

Insp Date: **5/22/07 10:28 AM**

Incomplete Comments

Crew: **SP, DP**  
Inspector: **Pagi, S**  
Firm: **PHO**

**Location** Address: **522 BEECHE AVE**

Cross Street: **33RD ST**

**Manhole** Type: **Junction** Location: **Alley**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **two I6's**

**Cover** Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **2** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick**

☐ Parged Height: **21** (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☒ **Roots** ☐ Wall

**Corbel** Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

**Barrel** Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench** ☒ Exists Material: **Brick**

☐ Parged ☒ **Debris** (not Condition related)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick**

☐ Parged

☐ Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps** Count: **9** Missing: **1** ☒ **Corroded**

**Surcharge** ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



Top View



Corroded steps. Bench debris.

Defect



Frame leaks. Adjustment deterioration, loose brick, root intrusion and infiltration. Corbel infiltration.

Defect



Frame leaks. Adjustment deterioration, loose brick, root intrusion and infiltration. Corbel deterioration and infiltration.

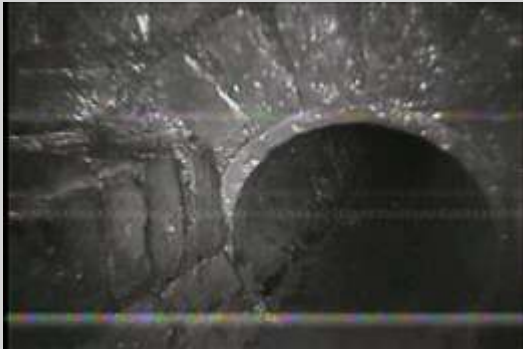
## Manhole Inspection Summary

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### 10 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.25** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

### 10 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.19** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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### 8 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Drop In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.74** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Roots**

Drop: **Outside** Rod and Bar  
Angled: **Yes** Reading: **12.93** (ft.)  
Inv Depth: **13.93** (ft.)  
Drop Condition: **Partly Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection

### 10 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **5.80** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection